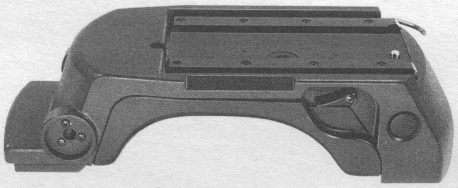
SONY

HD CAMERA SHOULDER PAD

HKCH-500



HDVS

INSTALLATION AND MAINTENANCE MANUAL

1st Edition

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目次
TABLE OF CONTENTS

1. 設置

1-1. 概要 ..... 1-1 (J)
1-2. 仕様 ..... 1-1 (J)
1-3. 取り付け／取り外し方法 ..... 1-2 (J)
1-3-1. カメラヘッドの
取り付け／取り外し方法 ..... 1-2 (J)
1-3-2. 三脚アタッチメントの
取り付け／取り外し方法 ..... 1-3 (J)
1-4. 使用方法 ..... 1-5 (J)

1. INSTALLATION

1-1. Outline ..... 1-1 (E)
1-2. Specifications ..... 1-1 (E)
1-3. Attaching and Removing ..... 1-2 (E)
1-3-1. Attaching and Removing
of Camera Head ..... 1-2 (E)
1-3-2. Attaching and Removing
of Tripod Attachment ..... 1-3 (E)
1-4. Method of Use ..... 1-5 (E)

2. SPARE PARTS

Parts Information 2-1
Exploded View 2-2

第1章
設　置

1-1. 概要

HKCH-500は、ソニーの高精細度CCDカラービデオカメラシステムのスタンドアローンシステム専用のショルダーパッドです。HDカラーカメラヘッドHDC-500に取り付け、カメラを肩にのせての撮影が可能になります。

1-2. 仕様

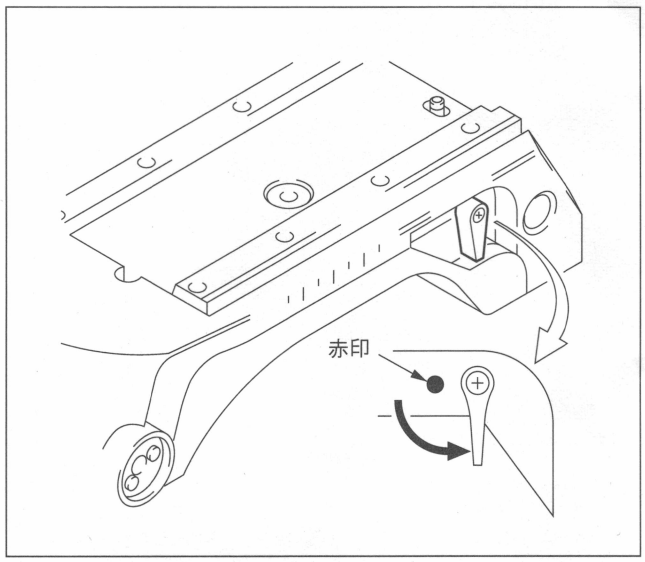
重量　1.2 kg
外形寸法　78×130×310 (H/W/L)

1-3. 取り付け／取り外し方法

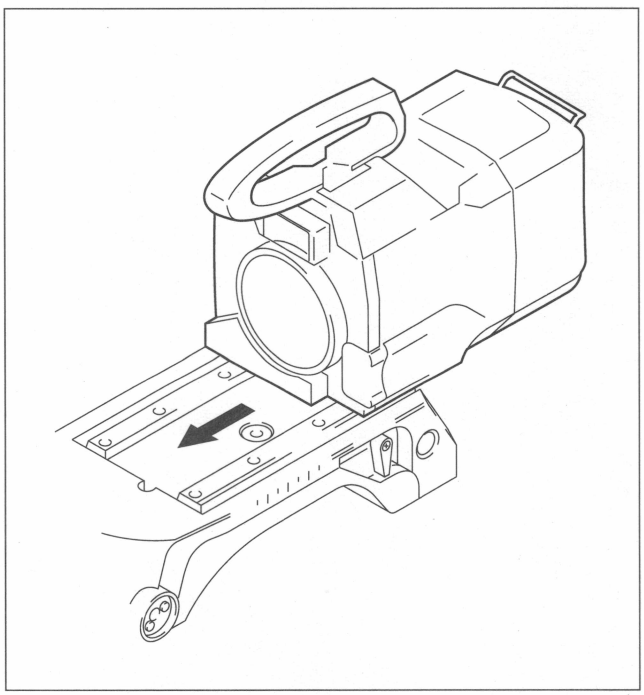
1-3-1. カメラヘッドの取り付け／取り外し方法

取り付け

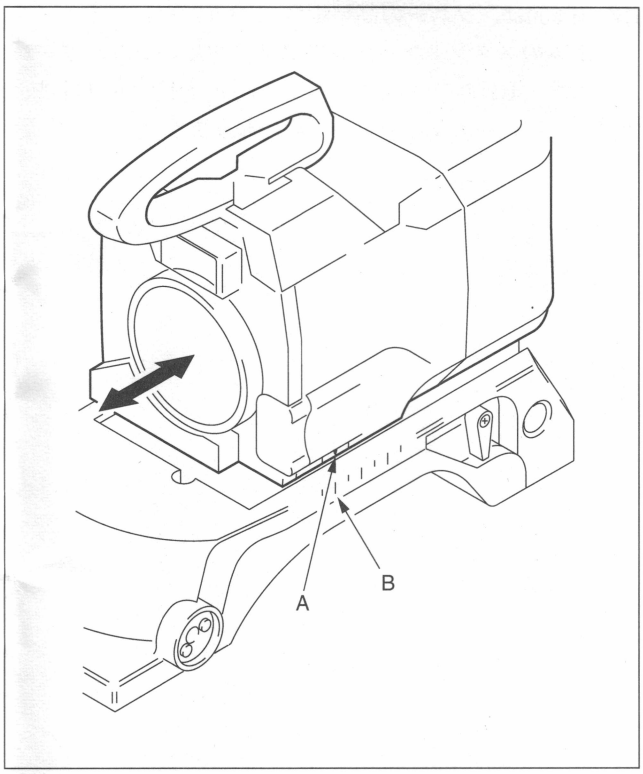
1. ショルダーパッドのレバーを反時計方向へ回すと赤い印が見える位置になり、カメラヘッドが取り付け可能になります。



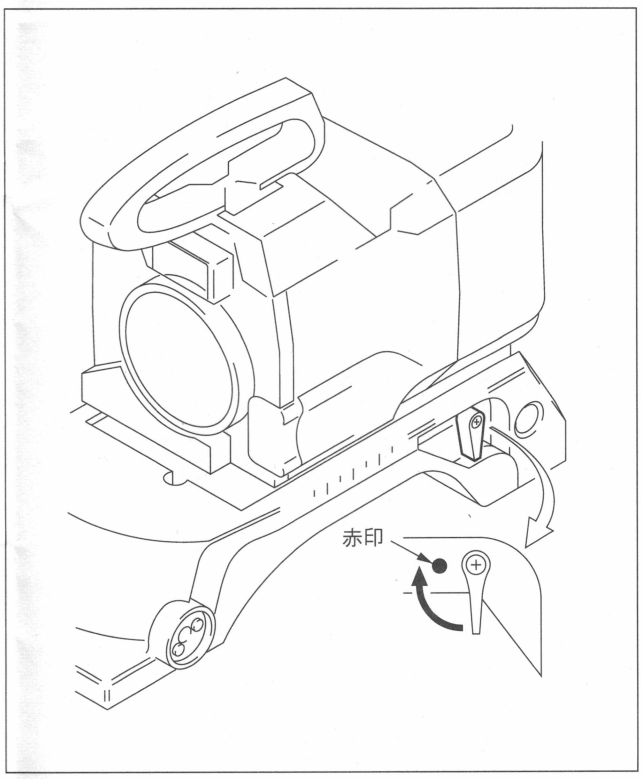
2. カメラヘッドをカチッと音がするまで前方へスライドさせます。



3. カメラヘッドを前後に動かし、重心の微調整をします。(カメラヘッド側面の指標 "A"とショルダーパッドの目盛 "B"をめやすに調整します。)

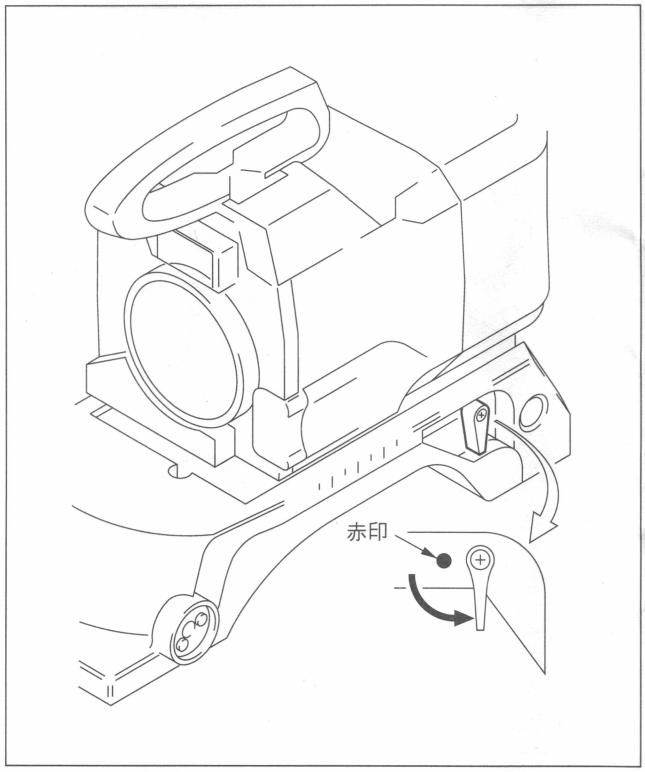


4. ショルダーパッドのレバーを時計方向へ回すと赤い印が隠れる位置になり、カメラヘッドが固定されます。

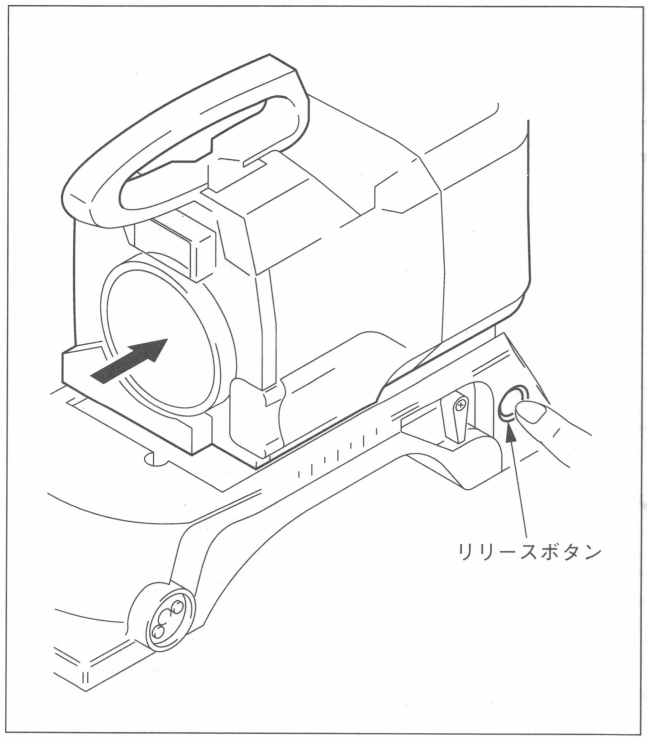


取り外し

1. ショルダーパッドのレバーを反時計方向へ回すと赤い印が見える位置になり、カメラヘッドを取り外し可能になります。



2. リリースボタンを押しながら、カメラヘッドを後方へずらし、外します。

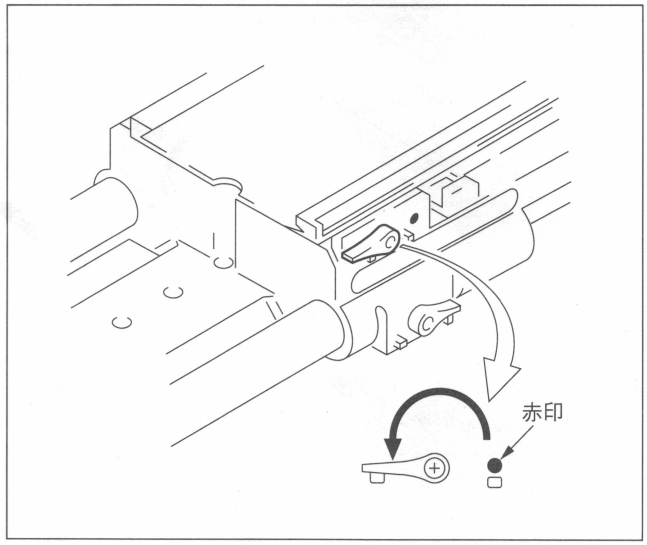


1-3-2. 三脚アタッチメントへの取り付け／取り外し方法

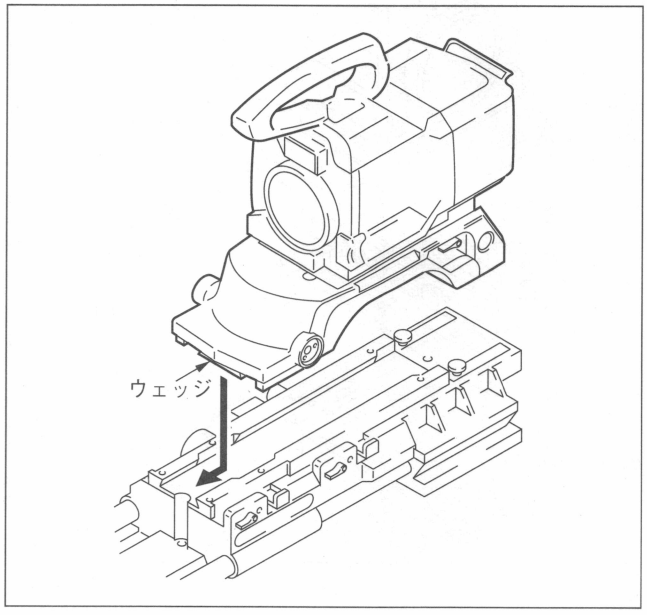
取り付け

注意： カメラヘッドを取り付けた状態で三脚に取り付けます。三脚アタッチメントを三脚に取り付ける手順は、HDカメラアダプターHDCA-350及びHDCA-50に付属のオペレーションマニュアルを参照してください。

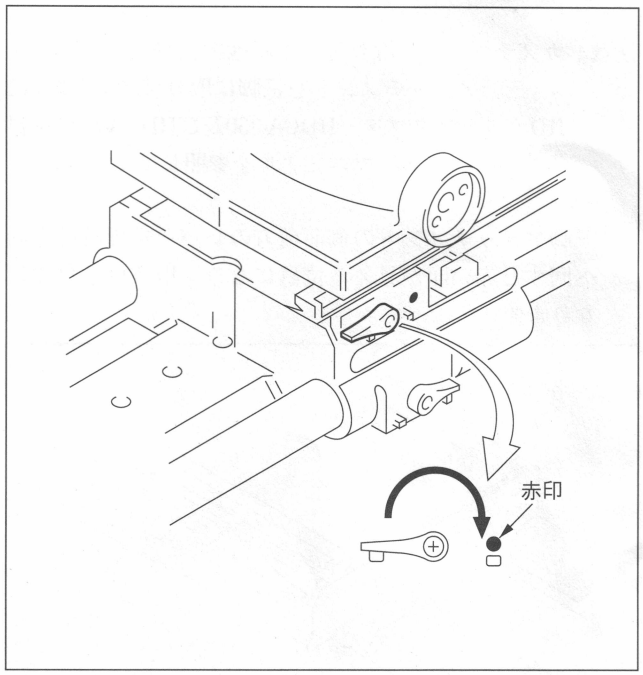
1. 三脚アタッチメントの側面前方のレバーを反時計方向へ回すと赤い印が見える位置になり、取り付け可能になります。



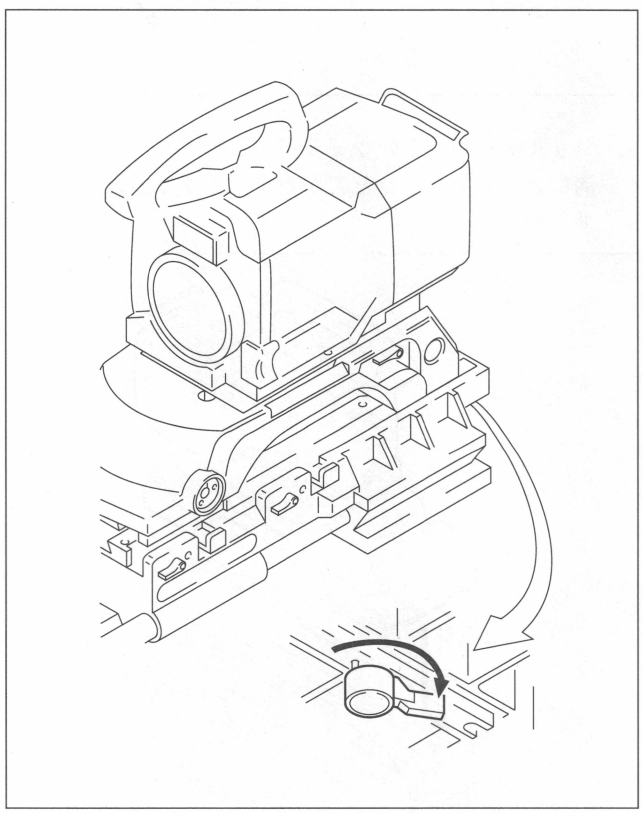
2. ショルダーパッドのウェッジを三脚アタッチメントの溝に合わせてカチッと音がして止るまで前方へスライドさせます。



3. 三脚アタッチメントの側面前方のレバーを時計方向へ回すと赤い印が隠れる位置となり、ショルダーパッドが前で固定されます。

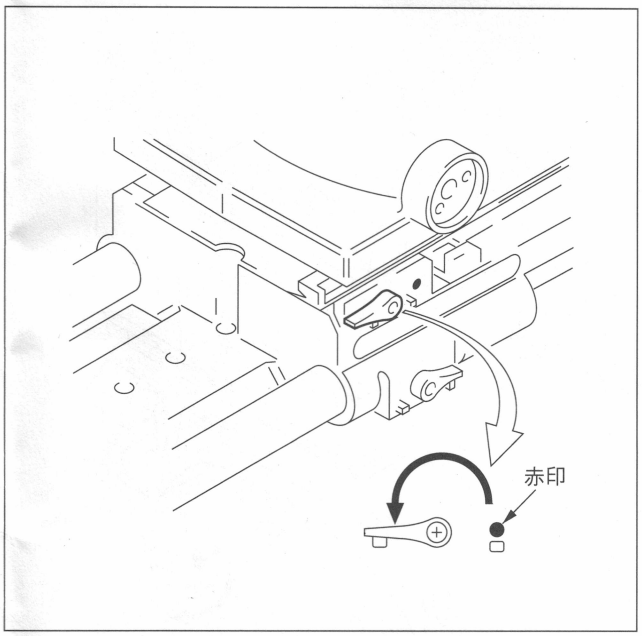


4. 三脚アタッチメントの後方裏面のレバーを時計方向へ回すと、ショルダーパッドが後ろで固定されます。

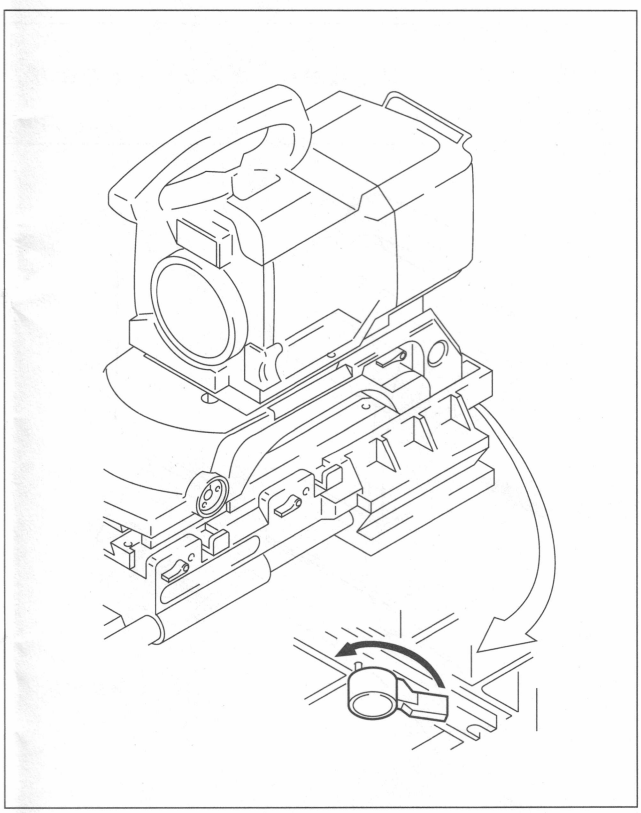


取り外し

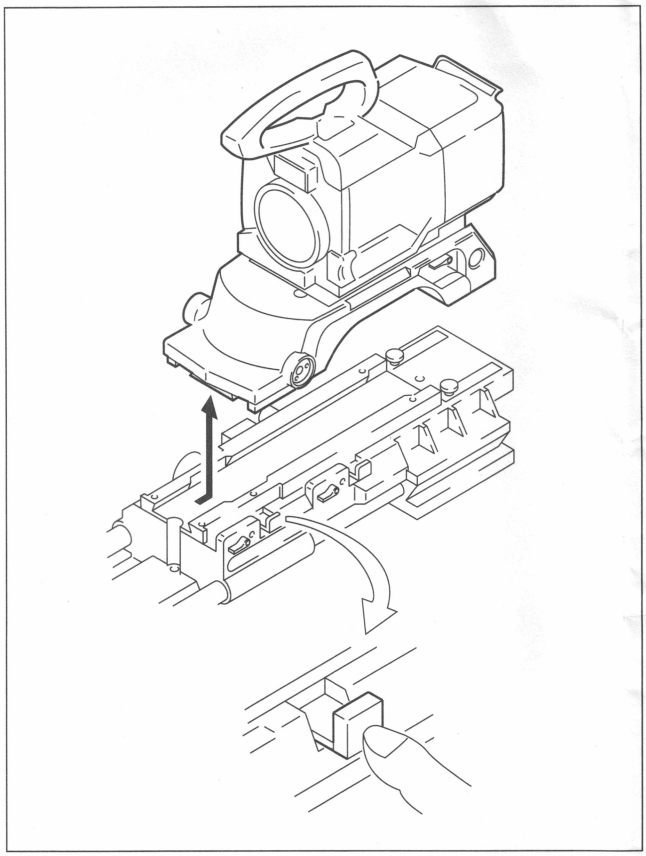
1. 三脚アタッチメントの側面前方のレバーを反時計方向へ回すと赤い印が見える位置となり、取り外し可能になります。



2. 三脚アタッチメント後方裏面のレバーを反時計方向へ回すと、取り外し可能になります。

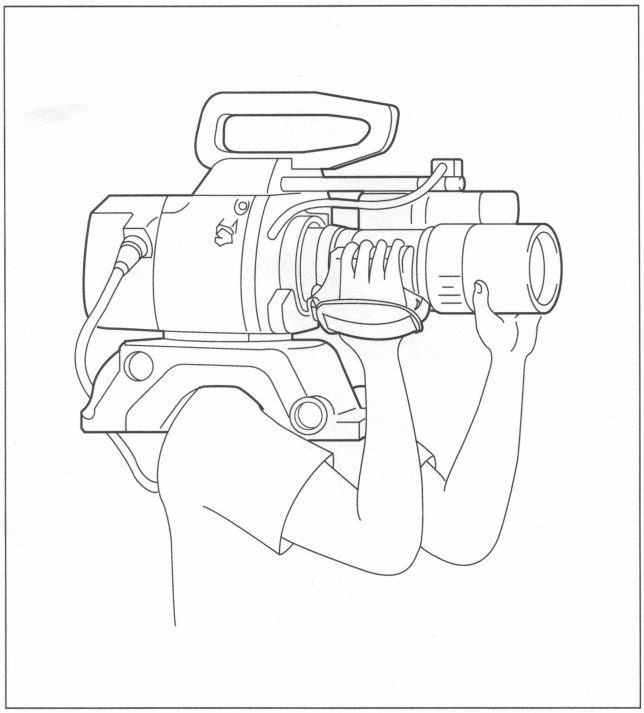


3. リリースボタンを押しながらショルダーパッドを後方へスライドさせてから、上へ引き上げて外します。



1-4. 使用方法

ショルダーパッドを肩にのせ片手でカメラを支えるようにします。



SECTION 1
INSTALLATION

1-1. Outline

The HKCH-500 is a HD camera shoulder pad for exclusive use with a Sony high-difinition CCD video camera system used as a stand-alone system. When attached to an HDC-500 HD camera head, it is possible to shoot with the camera riding on the shoulder.

1-2. Specifications

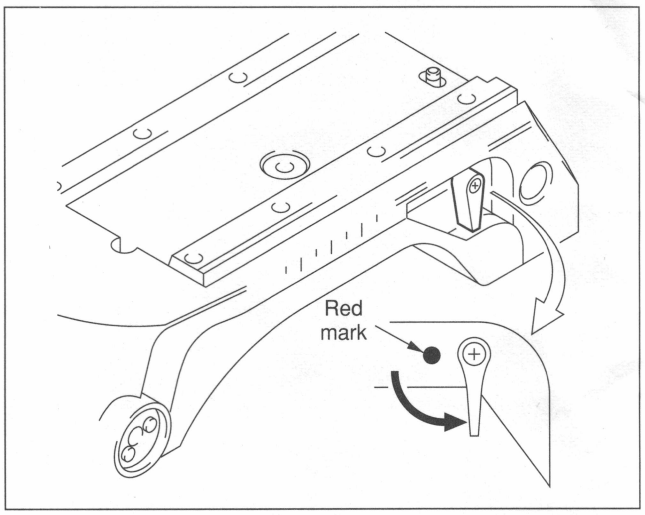
Weight ..... 1.2 kg
External dimensions ..... 78 × 130 × 310 (H/W/L)

1-3. Attaching and Removing

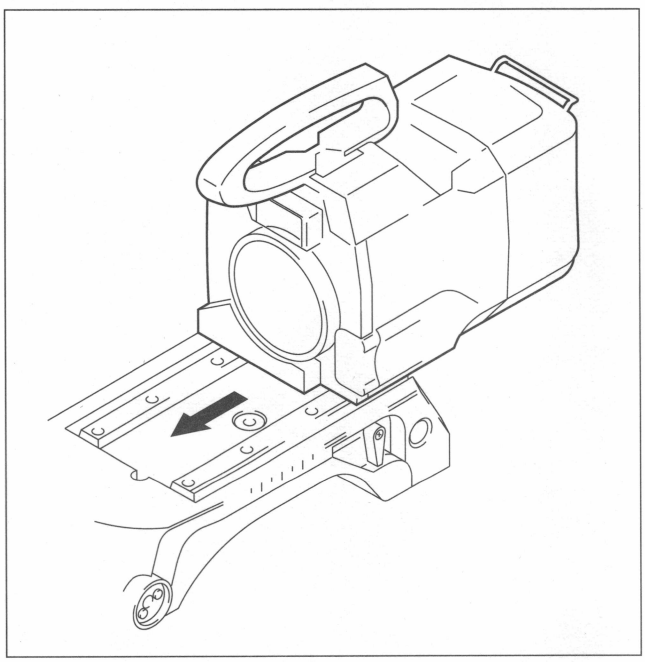
1-3-1. Attaching and Removing of Camera Head

Attaching

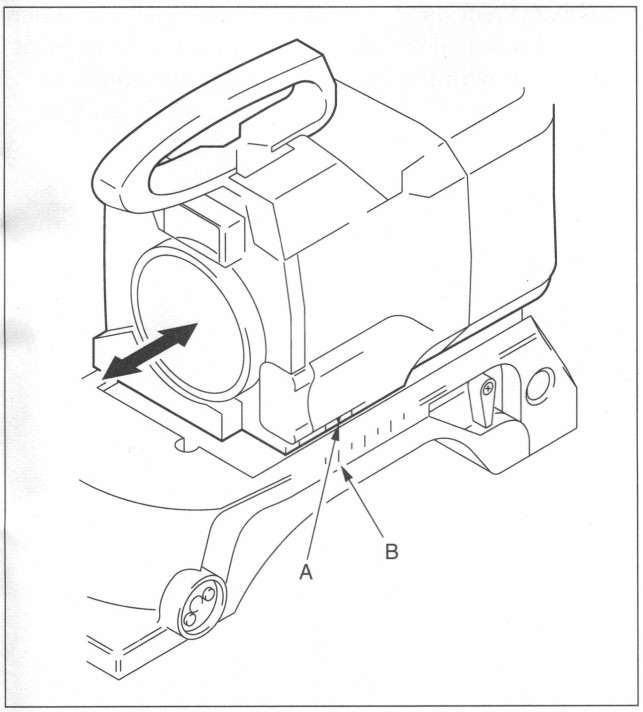
1. Turn the lever on the shoulder pad counterclockwise so that it is in the position where the red mark is visible. It is then possible to attach the camera head.



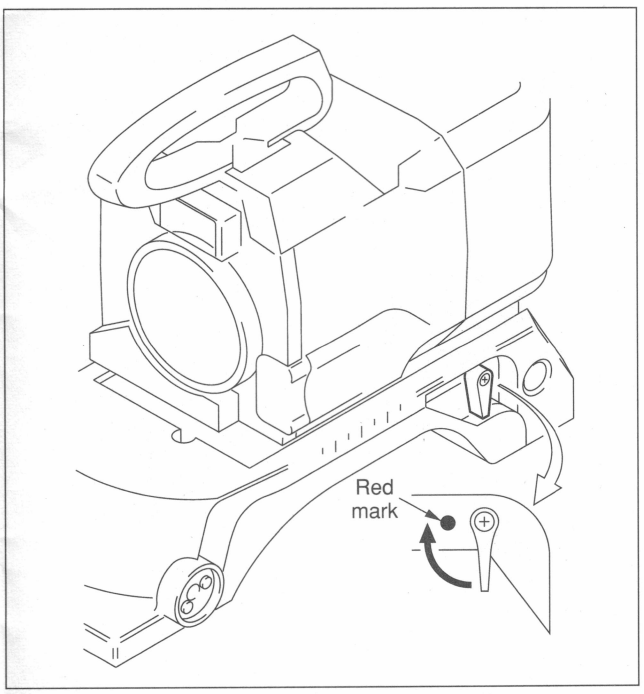
2. Slide the camera head forward until it clicks.



3. Finely adjust the center of gravity by moving the camera head back and forth. (Perform the adjustment using the index "A" on the side of the camera head and the scale "B" on the shoulder pad as shown below.)

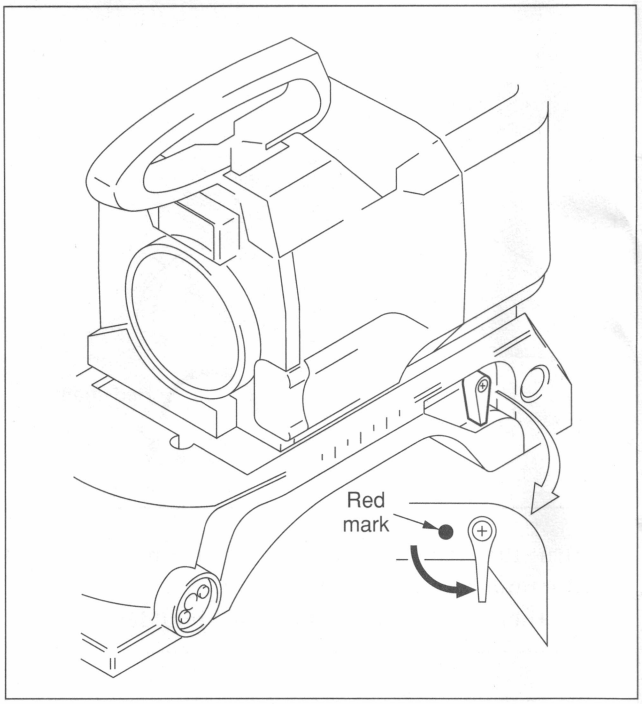


4. Turn the lever on the shoulder pad clockwise so that it is in the position where the red mark is hidden. This fixes the camera head in place.

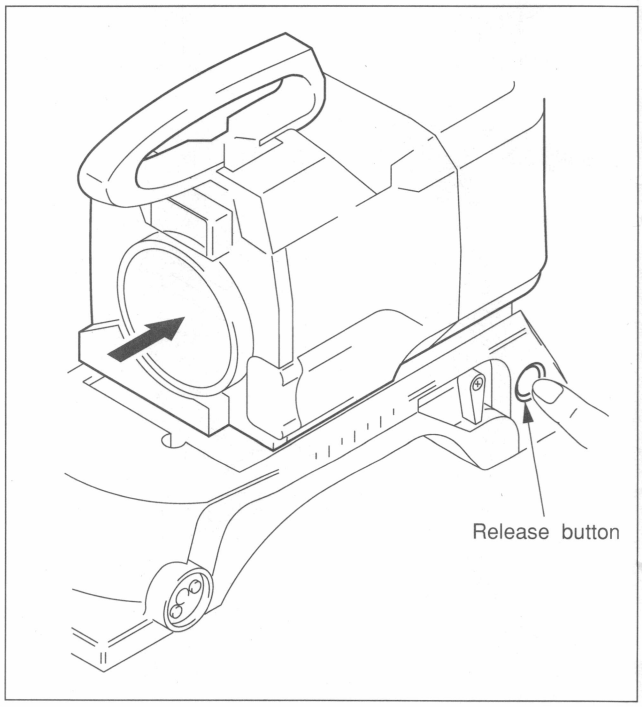


Removing

1. Turn the lever on the shoulder pad counterclockwise so that it is in the position where the red mark is visible. It is then possible to remove the shoulder pad.



2 While pushing the release button, slide the camera head backwards and remove it.

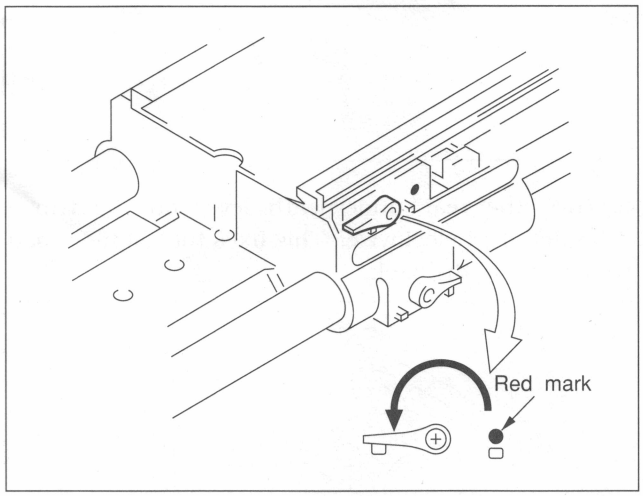


1-3-2. Attaching and Removing of Tripod Attachment

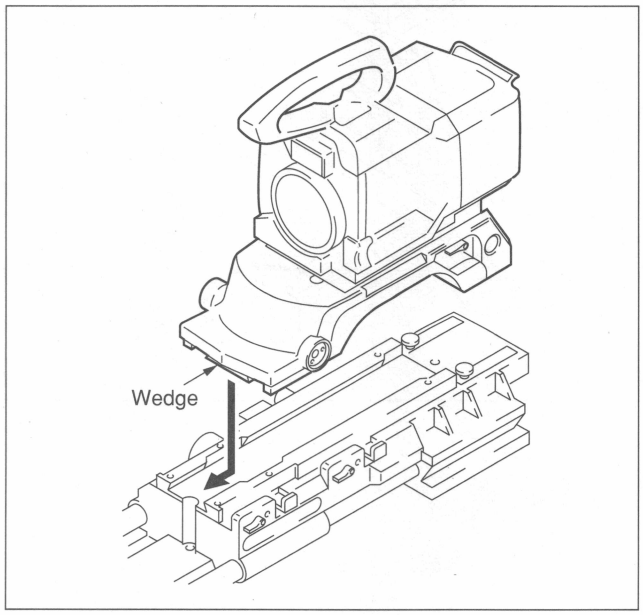
Attaching

Caution : Attach the tripod when the camera head has already been attached to the shoulder pad.
Refer to the Operation Manual included with the HD Camera Adaptor HDCA-350 or HDCA-50 to find out the procedure for attaching the tripod attachment to the tripod.

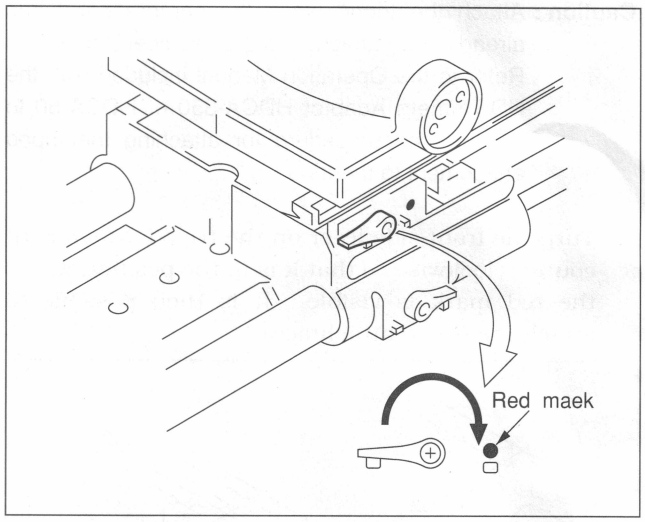
1. Turn the front side lever on the tripod attachment counterclockwise so that it is in the position where the red mark is visible. It is then possible to attach the tripod attachment.



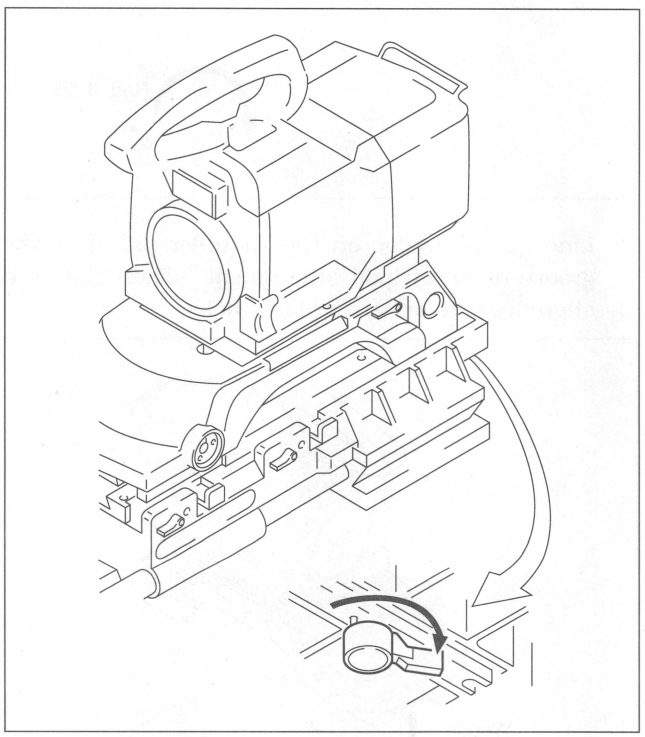
2. Line up the wedge on the shoulder pad with the groove on the tripod attachment. Then slide the shoulder pad forward until it clicks.



3. Turn the front side lever on the tripod attachment clockwise so that it is in the position where the red mark is hidden. This fixes the shoulder pad in place in the front.

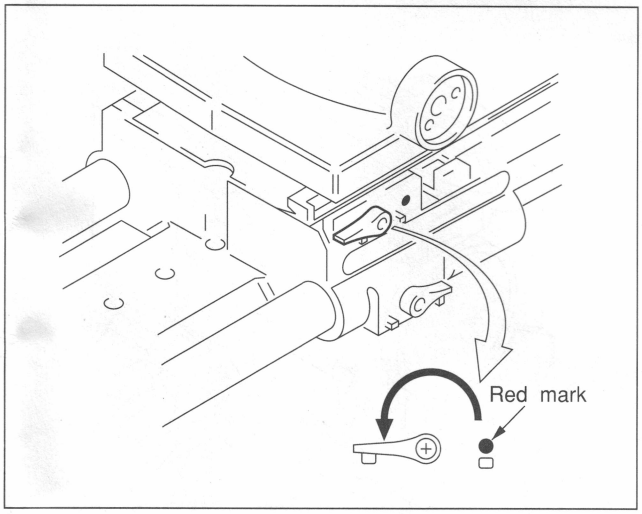


4. Turn the rear underneath lever on the tripod attachment clockwise. This fixes the shoulder pad in place in the back.

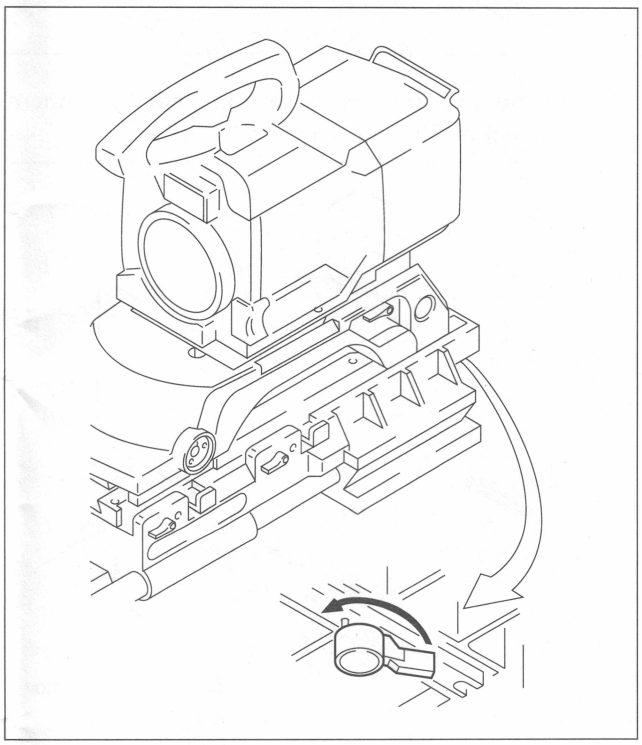


Removing

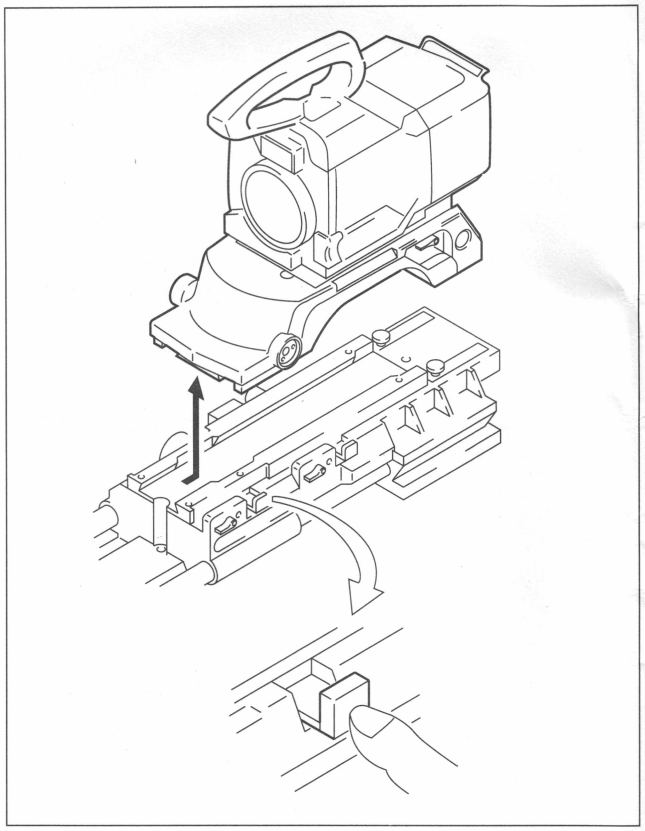
1. Turn the front side lever on the tripod attachment counterclockwise so that it is in the position where the red mark is visible. It is then possible to remove the shoulder pad.



2. Turn the rear underneath lever on the tripod attachment counterclockwise.
   It is then possible to remove the shoulder pad.

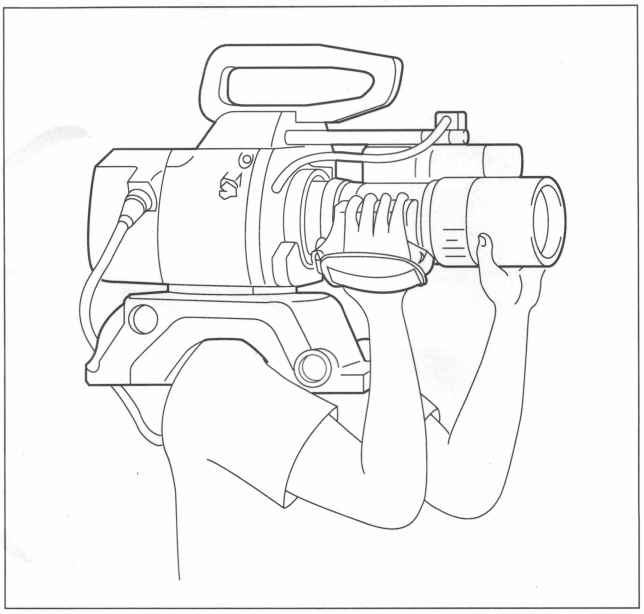


3. While pushing the release button, slide the shoulder pad backwards. Then remove it by pulling it up.



1-4. Method of Use

Mount the shoulder pad onto the shoulder and support the camera with one hand.



SECTION 2
SPARE PARTS

PARTS INFORMATION

1. **Safety Related Component Warning**
   Components identified by shading marked with ⚠ on the schematic diagrams, exploded views and electrical spare parts list are critical to safe operation. Replace these components with Sony parts whose parts numbers appear as shown in this manual or in service manual supplements published by Sony.

2. Replace Parts that are supplied from Sony Parts Center can sometimes have different shape and external appearance than what are actually used in equipment. This is due to "accommodating the improved parts and/or engineering changes" or "standardization of genuine parts."
   - This manual's exploded view and electrical spare parts lists are indicating the parts numbers of "the standardized genuine parts at present."
   - Regarding engineering parts and diagrams changes in our engineering department, refer to Sony service bulletins and service manual supplements.

3. The parts marked with "S" in the SP column of the exploded views and electrical spare parts list are normally required for routine service work. Orders for parts marked with "O" will be processed, but allow for additional delivery time.

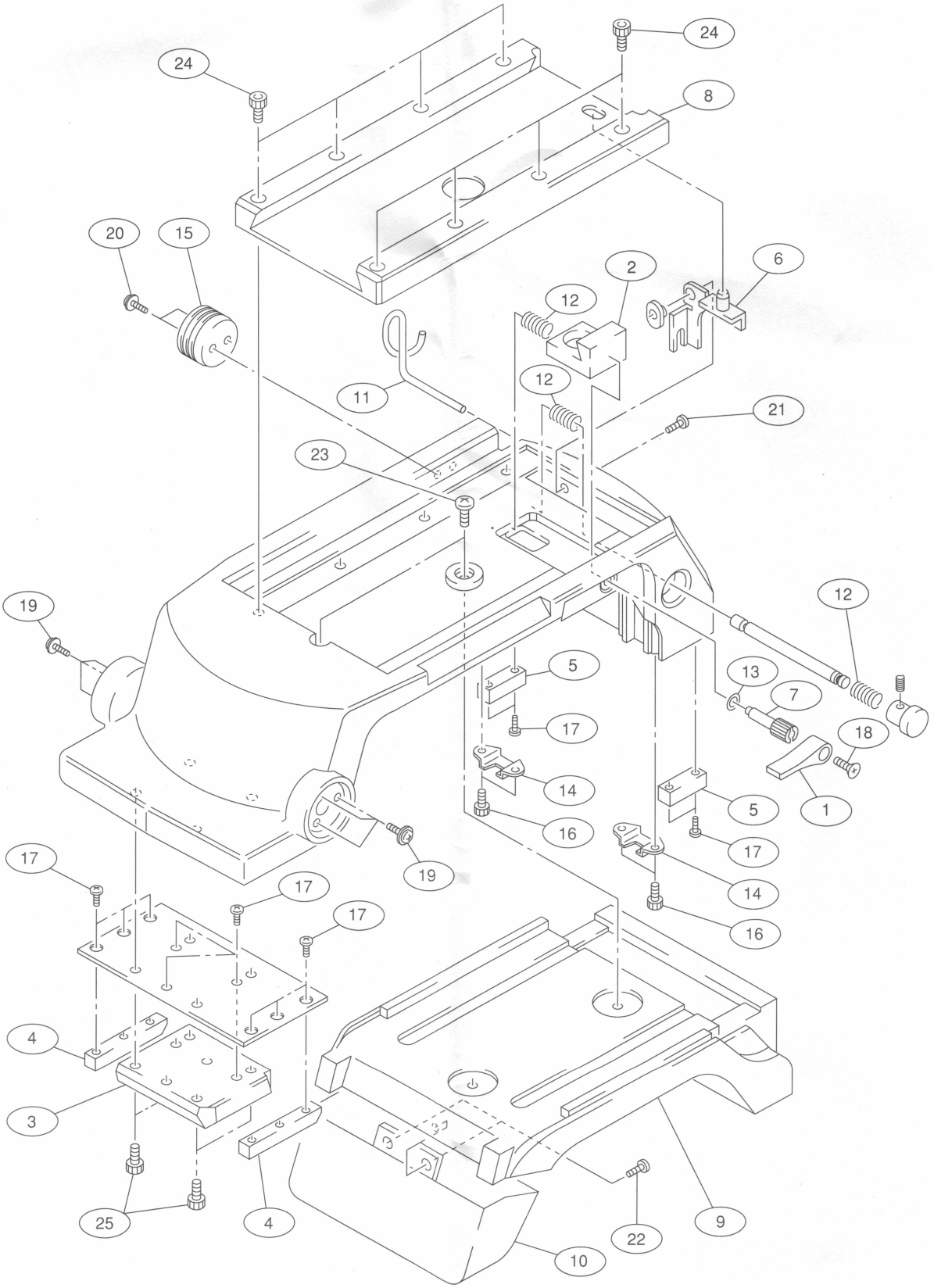
4. Item with no parts number and/or no description are not stocked because they are seldom required for routine service.

EXPLODED VIEW

HD CAMERA SHOULDER PAD

No.	Parts No.	SP	Description
1	2-134-729-01	o	LEVER, FASTENING
2	3-175-464-01	o	WEDGE, CONCLUDE
3	3-176-234-01	o	WEDGE, SP
4	3-176-236-01	o	GUARD, SP WEDGE
5	3-176-237-01	o	FOOT BLOCK
6	3-176-241-01	o	PLATE, RELEASE
7	3-176-243-01	o	SCREW (SP), WEDGE FASTENING
8	3-176-246-01	o	RAIL UNIT (S)
9	3-177-373-01	o	PAD (LARGE)
10	3-177-374-01	o	PAD (SMALL)
11	3-177-590-01	o	CABLE CLAMPER
12	3-546-614-00	s	SPRING, COMPRESSION
13	3-669-946-00	s	RING (P4), O
14	3-711-703-01	o	STOPPER
15	3-731-781-01	o	STOPPER, CAP
16	7-621-996-24	s	BOLT 2.6 × 4, HEXAGON SOCKET
17	7-627-556-58	s	SCREW + P 2.6 × 5
18	7-682-348-09	s	SCREW + RK 3 × 8
19	7-682-544-09	s	SCREW + B 3 × 3
20	7-682-546-09	s	SCREW + B 3 × 5
21	7-682-547-09	s	SCREW + B 3 × 6
22	7-682-560-09	s	SCREW + B 4 × 6
23	7-682-561-09	s	SCREW + B 4 × 8
24	7-683-405-04	s	BOLT, HEXAGON SOCKET 3 × 10
25	7-683-419-04	s	BOLT, HEXAGON SOCKET 4 × 8

HD CAMERA SHOULDER PAD



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